

ABSTRACT

An in-ground lifting system and method are provided that is operable for raising a structure and its foundation at least several feet. In one presently preferred embodiment, the
5 method is utilized to raise the structure above any anticipated flood levels to thereby prevent future flooding of the structure. In a preferred embodiment, a plurality of excavations are formed underneath the foundation, such as with a hydro-excavator. A sleeve with seal members and hydraulic lines is installed and aligned within each excavation. Hardenable material is poured outside the sleeve to form a cylinder. Hardenable material is poured inside
10 the sleeve to form a piston. Fluid is pumped through the hydraulic lines to lift the structure and the foundation.